

**PRIORITY****TOP SECRET**

1969 APR 29 18 21Z

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T O P S E C R E T 291758Z APR 69 CITE [REDACTED] 6201

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SUBJECT: MCD OUTPUT OF CRAB ANGLES

1. THE PRESENT MCD OUTPUTS AN AVERAGE POSITION FOR EACH CRAB ANGLE FROM THE CALIBRATION BOOK (PPS).

2. THE ACTUAL CRAB ANGLES ARE ALSO CONTAINED IN THE CALIBRATION BOOK AND WOULD BE OF MORE VALUE IF THE ACTUAL ANGLES WERE REPORTED RATHER THAN THE AVERAGES.

3. THIS BECOMES OF MORE IMPORTANCE WITH THE INTRODUCTION OF RACS AND THE POSSIBILITY OF NOT REDUCING STELLAR DATA FOR EARLY READOUT REQUIREMENTS.

4. THE AVERAGE CHANGE IS ABOUT 7-8 MINUTES AND THE AVERAGE GIVES AN ANGLE ACCURATE TO PLUS OR MINUS 4 MINUTES. [REDACTED] WOULD LIKE THE ACTUAL VALUES REPORTED IN THE MCD AT THE EARLIEST POSSIBLE TIME.

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T O P S E C R E T

RX

END OF MESSAGE

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**TOP SECRET**

DISTRIBUTION		
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1	FILE	
	CABLE SEC.	
	PP&B/RD	
	SECUR.	
2	TSSG/ARB	✓
	PSG/OC	
	RRD	
	REPRO	
3	AID	
	IEG	
	PROD	
	SCIEN	
	WEST	
	EAST	
	M&S	
4	PGM	
	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	

ADVANCE CY  
SANITIZED  
WITH TEXT

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GROUP 1  
Excluded from automatic  
downgrading and  
declassification